Ferguson, James W NWK

From:

Jeff Ogden.[JOgden@fehr-graham.com]

Sent:

Monday, May 05, 2014 9:30 AM

To: Cc: Aston, Robert; Ferguson, James W NWK Russ Peters; Kenneth Foltz; Joel Zirkle

Subject:

[EXTERNAL] RE: Area of Contamination

Attachments:

Memo (revised).pdf; 20140502_110257.pdf

Gentlemen,

In response to my recent discussion with Bill, attached please find the revised Memo to reflect the area of contamination definition along with the statement that all shallow materials cored out and stockpiled will remain within the area of contamination.

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If you have any questions, please do not hesitate to let me know.

Sincerely,

Jeff

JEFF OGDEN, P.G. I Senior Hydrogeologist

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From: Jeff Ogden

Sent: Friday, May 02, 2014 1:16 PM To: 'Aston, Robert'; 'Ferguson, Bill'

Cc: Russ Peters; 'Kenneth Foltz'; Joel Zirkle

Subject: Area of Contamination

RCRA

Bob and Bill,

Attached please find the Memo with supporting figure responding to the request to define the area of contamination.

We anticipate starting the pilot test on Tuesday afternoon next week but will be stockpiling on Monday before doing so. I will be at the site while this process is starting through Wednesday, so if you have any questions, please do not hesitate to let me know.

Regards,

Jeff

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Memo

To: Bob Aston and Bill Ferguson

From: Jeff Ogden

CC: Ken Foltz, Russ Peters, Joel Zirkle

Date: May 5, 2014

Re: Area of Contamination

Gentlemen,

In response to our recent discussion regarding the need to define the area of contamination, this Memo with supporting figure has been prepared to address this need.

Consistent with the USEPA Memorandum dated March 13, 1996, regarding the <u>Use of the Area of Contamination (AOC) Concept During RCRA Cleanups</u>, we have defined the area of contamination to be used during this phase of the pilot testing. Generally, this area is restricted to a little more than 1.5 acres of the entire regulated site (please see attached Figure 9).

For purposes of this Memo, the area of contamination is defined as a contiguous area of dispersed contamination. Throughout this area of contamination, the intent is to enable stockpiling and placement upon concrete, with subsequent covering using visqueen or similar. It should be noted all stockpiled material will stay within the limits of the area of contamination. This activity is needed to address shallow soil of dispersed contamination, such that deeper soils may be accessed using in-situ soil mixing. Once the deeper soils have been treated, all stockpiled materials will be placed back into the treatment zone and sufficiently mixed with the oxidant to mineralize the contaminants to innocuous end products.

Your review and approval of this material is requested. I will be available by phone to discuss this or any other concern. You may contact me at the office at (815) 235-7643.

Sincerely,

Jeff Ogden, P.G. Senior Hydrogeologist

Attachment: Figure 9 - Area of Contamination Map

